

Declaration and Power of Attorney for Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PLATING BATH ANALYSIS

the specification of which

(check one)

corresponds to and claims priority of U.S. Provisional Application Serial No. 60/245,311 filed November 2, 2000.

was filed on _____ as United States Application No. or PCT Application No. _____ and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	[]
(Number)	(Country)	(Day/Month/Year Filed)	[]
(Number)	(Country)	(Day/Month/Year Filed)	[]

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

60/245,311
(Application Serial No.)

November 2, 2000
(Filing Date)

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

I hereby claim the benefit under 35 U.S.C. Section 120 of the United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark office all information known to me to be material to patentability as defined in Title 37, C.F.C., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

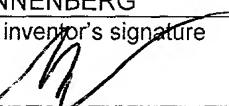
David G. Conlin	Reg. No. 27,026	Christine C. O'Day	Reg. No. 38,256
George W. Neuner	Reg. No. 26,964	Robert L. Buchanan	Reg. No. 40,927
Linda M. Buckley	Reg. No. 31,003	David E. Tucker	Reg. No. 27,840
Peter J. Manus	Reg. No. 26,766	Lisa Swiszcz Hazzard	Reg. No. 44,368
Peter F. Corless	Reg. No. 33,860	George W. Hartnell	Reg. No. 42,639
Cara Z. Lowen	Reg. No. 38,227	Kathleen Carr	Reg. No. 41,658
William J. Daley, Jr.	Reg. No. 35,487	Stewart L. Gitler	Reg. No. 31,256
Steven M. Jensen	Reg. No. 42,693	Kathryn A. Piffat	Reg. No. 34,901
John B. Alexander	Reg. No. 48,399		
		S. Matthew Cairns	Reg. No. 42,378
		John J. Piskorski	Reg. No. 35,647
		Darryl P. Frickey	Reg. No. 34,603

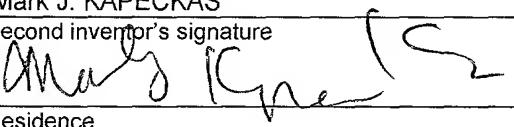
Send Correspondence to:

S. Matthew Cairns
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Boston, Massachusetts 02209, U.S.A.

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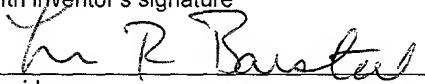
S. Matthew Cairns
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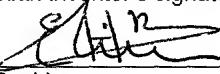
Full name of sole or first inventor	
Wade SONNENBERG	
Sole or first inventor's signature	Date:
	10/18/01
Residence	
64 East Street, Upton, Massachusetts 01668, U.S.A.	
Citizenship	
U.S.A.	
Post Office Address	
Same As Above	

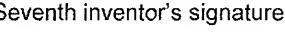
Full name of second inventor	
Mark J. KAPECKAS	
Second inventor's signature	Date:
	10-18-01
Residence	
33 Broad Street #1, Marlborough, Massachusetts 01752, U.S.A.	
Citizenship	
U.S.A.	
Post Office Address	
Same As Above	

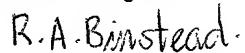
Full name of third inventor	
David L. JACQUES	
Third inventor's signature	Date:
	10/18/01
Residence	
51 Freedom's Way, Northbridge, Massachusetts 01752, U.S.A.	
Citizenship	
U.S.A.	
Post Office Address	
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Full name of sole or fourth inventor	
Raymond CRUZ	
Fourth inventor's signature	Date:
	10/18/01
Residence	
16 Hamblin Road, Waltham, Massachusetts 02453, U.S.A.	
Citizenship	
U.S.A.	
Post Office Address	
Same As Above	

Full name of fifth inventor	
Leon R. BARSTAD	
Fifth inventor's signature	Date:
	10/19/01
Residence	
8 Regan Circle, Raynham, Massachusetts 02767, U.S.A.	
Citizenship	
U.S.A.	
Post Office Address	
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Full name of sixth inventor		
Elie H. NAJJAR		
Sixth inventor's signature	Date:	
	10-18-01	
Residence		
441 Pleasant Street, Belmont, Massachusetts 02478, U.S.A.		
Citizenship		
Lebanon		
Post Office Address		
Same As Above		

Full name of seventh inventor		
Eugene N. STEP		
Seventh inventor's signature	Date:	
		
Residence		
123 Adeline Road, Newton, Massachusetts 02459, U.S.A.		
Citizenship		
U.S.A.		
Post Office Address		
Same As Above		

Full name of eighth inventor		
Robert A. BINSTEAD		
Eighth inventor's signature	Date:	
	10/19/01	
Residence		
8 Royal Crest Drive, Apt #4, Marlborough, Massachusetts 01752, U.S.A.		
Citizenship		
U.S.A.		
Post Office Address		
Same As Above		

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(Filing Date)

(Status)

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(Status)

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		Darryl P. Frickey	Reg. No. 34,603

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Boston, Massachusetts 02209, U.S.A.

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(name and telephone number)

S. Matthew Cairns
Telephone: (508) 229-7545
Facsimile: (508) 229-0254

Full name of sole or first inventor

Wade SONNENBERG

Sole or first inventor's signature

Date:

Residence

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Citizenship

U.S.A.

Post Office Address

Same As Above

Full name of second inventor

Mark J. KAPECKAS

Second inventor's signature

Date:

Residence

33 Broad Street #1, Marlborough, Massachusetts 01752, U.S.A.

Citizenship

U.S.A.

Post Office Address

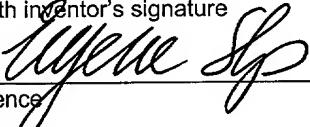
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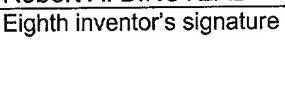
Full name of third inventor	
David L. JACQUES	
Third inventor's signature	Date:
Residence	
51 Freedom's Way, Northbridge, Massachusetts 01752, U.S.A.	
Citizenship	
U.S.A.	
Post Office Address	
Same As Above	

Full name of sole or fourth inventor	
Raymond CRUZ	
Fourth inventor's signature	Date:
Residence	
16 Hamblin Road, Waltham, Massachusetts 02453, U.S.A.	
Citizenship	
U.S.A.	
Post Office Address	
Same As Above	

Full name of fifth inventor	
Leon R. BARSTAD	
Fifth inventor's signature	Date:
Residence	
8 Regan Circle, Raynham, Massachusetts 02767, U.S.A.	
Citizenship	
U.S.A.	
Post Office Address	
Same As Above	

Full name of sixth inventor	
Elie H. NAJJAR	
Sixth inventor's signature	Date:
Residence	
441 Pleasant Street, Belmont, Massachusetts 02478, U.S.A.	
Citizenship	
Lebanon	
Post Office Address	
Same As Above	

Full name of seventh inventor	
Eugene N. STEP	
Seventh inventor's signature	Date:
	
Residence	
123 Adeline Road, Newton, Massachusetts 02459, U.S.A.	
Citizenship	
U.S.A.	
Post Office Address	
Same As Above	

Full name of eighth inventor	
Robert A. BINSTEAD	
Eighth inventor's signature	Date:
	
Residence	
8 Royal Crest Drive, Apt. #4, Marlborough, Massachusetts 01752, U.S.A.	
Citizenship	
U.S.A.	
Post Office Address	
Same As Above	